

Amendments in the claims

Claims 1 – 5. (Cancelled)

6. (Currently Amended) An optical observation instrument comprising:
at least one detachably mounted eyepiece having an intermediate image plane;
and

a device being arranged in said intermediate image plane for displaying
information relating to the adjusted instrument parameters, a current operating state and/or an
object to be observed in a visually perceptible manner ~~being arranged in said intermediate
image plane.~~

7. (Previously Presented) The optical observation instrument according to claim
6, wherein a self-illuminating LED display which is connected to control electronics or an
LCD display with background illumination which is connected to control electronics is
provided in the intermediate image plane of the eyepiece.

8. (Previously Presented) The optical observation instrument according to claim
6, wherein a plurality of control electronics are integrated in the eyepiece tube and are
connected by control lines and supply lines to a central operating device and supply device of
the observation instrument.

9. (Previously Presented) The optical observation instrument according to claim
6, wherein the information for the observer is perceptible in the eyepiece outside the image
field area reserved for observation of the specimen.

10. (Currently Amended) An eyepiece for optical observation instruments
comprising:

a device arranged in an intermediate image plane of said eyepiece for
displaying information in a visually perceptible manner;

said eyepiece being constructed to be detachably mounted on a microscope
~~and with respect to~~ having a shape, size and fastening means in a same manner which is the
same as an eyepiece not having such a device, so that an eyepiece with such a device can be

exchanged with an eyepiece without such a device or vice versa on optical observation instrument.

11. (Currently Amended) An eyepiece for optical observation instruments comprising:

a device arranged in an intermediate image plane of said eyepiece for displaying information in a visually perceptible manner;

said eyepiece being constructed to be detachably mounted on a microscope ~~and with respect to~~ having a shape, size and fastening means in a same manner which is the same as an eyepiece not having such a device, so that said eyepiece with or without such a device can be exchanged with an eyepiece without such a device on optical observation instruments.